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MAY 09 2005

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TO: U.S. Patent and Trademark Office
Examiner: Karl E. Group
Art Unit: 1755

DATE: May 9, 2005FROM: Lawrence J. McClure

TIME:

TOTAL NO. OF PAGES, INCLUDING COVER: 13-14

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MESSAGE:

RE: U.S. Patent Application Serial No.: 10/692,406, Our Ref. 81707.0189

I hereby certify that the following documents:

- Amendment/Amendment Transmittal Letter

are being facsimile transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, for filing in the above application.

May 9, 2005

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Sheila Goldner

TELECOPY/FAX NUMBER: 703-872-9306 - Art Unit 1755

CLIENT NUMBER: 81707.0189

ATTORNEY BILLING NUMBER: 1966

CONFIRMATION NUMBER: (571) 272-1368 (please return fax to Sheila Goldner)

FORM PTO-1083

MAY 09 2005

81707.0189

Patent Application No. 10/692,406

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shinya KAWAI et al.

Serial No: 10/692,406

Filed: October 22, 2003

For: GLASS CERAMIC SINTERED BODY AND WIRING
BOARD USING THE SINTERED BODY

Art Unit: 1755

Examiner: Karl E. Group

I hereby certify that this correspondence
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(703) 872-9306:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450 on

May 9, 2005

Date of Deposit

Sheila Goldner

Name

Signature *Sheila Goldner* 05/09/05

Signature

Date

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ No additional fee is required.

The fee has been calculated as shown below:

| | (Col. 1) CLAIMS REMAINING AFTER AMENDMENT | | (Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Col. 3) PRESENT EXTRA* | LG/SM \$ ENTITY FEE | | ADD'L FEE DUE |
|---|---|---|---|-------------------------------|--|----------------------|------------------|
| TOTAL CLAIMS FEE | 15 | - | 27 | ** | 0 | LG=\$50 SM=\$25 | \$ 0 |
| INDEPENDENT CLAIMS FEE | 1 | - | 3 | *** | 0 | LG=\$200 SM=\$100 | \$ 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS | | | | | LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140 | | \$ 0 |
| Independent Claim: 8 | | | | | TOTAL | | \$ 0 |

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge the fee of \$ 0 for the additional claim fees to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☐ Please charge the fee of \$ for the extension of time to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.By: *Laurence J. McClure*Laurence J. McClure
Registration No. 44,228
Attorney for Applicant(s)

Date: May 9, 2005

Biltmore Tower
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Telephone: 213 337-6700
Facsimile: 213 337-6701

FORM PTO-1083

81707.0189

Patent Application No. 10/692,406

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shinya KAWAI et al.

Serial No: 10/692,406

Filed: October 22, 2003

For: GLASS CERAMIC SINTERED BODY AND WIRING
BOARD USING THE SINTERED BODY

Art Unit: 1755

Examiner: Karl E. Group

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Alexandria, VA 22313-1450 on
May 9, 2005

Date of Deposit

Sheila Goldner

Name
Sheila Goldner 05/09/05
Signature Date

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ No additional fee is required.

The fee has been calculated as shown below:

| | (Col. 1) CLAIMS REMAINING AFTER AMENDMENT | | (Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Col. 3) PRESENT EXTRA* | LG/SM \$ ENTITY FEE | ADD'L FEE DUE |
|---|---|---|---|-------------------------------|------------------------|--|
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| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS | | | | | | LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140 |
| Independent Claim: 8 | | | | | | TOTAL \$ 0 |

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Respectfully submitted,
HOGAN & HARTSON L.L.P.

By: *Lawrence J. McClure*

Lawrence J. McClure
Registration No. 44,228
Attorney for Applicant(s)

Date: May 9, 2005

Biltmore Tower
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
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MAY 09 2005

Appl. No. 10/692,406
Amdt. Dated May 9, 2005
Reply to Office Action of March 21, 2003

Attorney Docket No. 81707.0189
Customer No.: 26021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Shinya KAWAI, et al.
Serial No: 10/692,406
Confirmation No.: 8498
Filed: October 22, 2003
For: GLASS CERAMIC SINTERED BODY
AND WIRING BOARD USING THE
SINTERED BODY

Art Unit: 1755
Examiner: Karl E. Group

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P.O. Box 1450
Alexandria, VA 22313-1450
May 9, 2005
Date of Deposit
Sheila Goldner
Name
Sheila Goldner 05/09/05
Signature Date

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 21, 2003, please amend the
above-referenced application as follows:

Amendments to the Claims are reflected in the Listing of claims which begins on
page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.